

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO.1895**  
TO BE ANSWERED ON 03.07.2019

**NEW ATOMIC POWER PLANTS**

1895. SHRI KAPIL MORESHWAR PATIL:

Will the PRIME MINISTER be pleased to state:

- (a) the number of proposals finalised for setting up of new atomic power plants and the number of proposals sanctioned during the last three years and the current year;
- (b) whether public sector companies are also being roped in for generation of atomic energy and if so, the details thereof;
- (c) whether the Government also proposes to allow the private sector in atomic energy sector and if so, the details thereof; and
- (d) the potential capacity of power generation through private sector companies?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

- (a) During the last three years and the current year, the government has accorded administrative approval and financial sanction for construction of twelve (12) nuclear power reactors - ten (10) indigenous 700 MW Pressurized Heavy Water Reactors (PHWRs) to be set up in fleet mode & two (02) units of Light Water Reactors (LWRs) to be set up in cooperation with Russian Federation to enhance nuclear power capacity in the country.
- (b) Presently, two public sector companies of the Department of Atomic Energy, Nuclear Power Corporation of India Limited (NPCIL) and Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI) are involved in nuclear power generation. The Government has also amended the Atomic Energy Act to enable Joint Ventures of Public Sector Companies to set up nuclear power projects.
- (c)&(d) There is no proposal under consideration at present to permit private sector in the area of nuclear power generation. However, the private sector participates in the nuclear power sector by providing core reactor components, equipment, materials and services in areas that include construction, fabrication & erection of equipments, piping, electrical, instrumentation, consultancy, auxiliary and logistical services.

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